PTO/SB/08a (05-07)
Approved for use through 09/30/2007. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

	Application Number		09489286	
INFORMATION BIOCLOGUES	Filing Date		2000-01-21	
INFORMATION DISCLOSURE	First Named Inventor David		A. Cathey	
STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Art Unit		2879	
(Not for Submission under 37 Of K 1.33)	Examiner Name A. Pa		atel	
	Attorney Docket Numb	er	2269-7129.2US(95-0582.02/	

	Remove					
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	4325000		1982-04-13	Wolfe et al.	
	2	4940916		1990-07-10	Borel et al.	
	3	5186670		1993-02-16	Doan et al.	
	4	5210472		1993-05-11	Casper et al.	
	5	5229331		1993-07-20	Doan et al.	
	6	5358908		1994-10-25	Reinberg et al.	
	7	5391259		1995-02-21	Cathey et al.	
If you wish	n to ac	dd additional U.S. Paten	t citatio	n information pl	ease click the Add button.	Add
	Remove					

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Not for submission under 37 CFR 1.99)

Application Number		09489286
Filing Date		2000-01-21
First Named Inventor David		A. Cathey
Art Unit		2879
Examiner Name	A. Pa	tel
Attorney Docket Number		2269-7129.2US(95-0582.02/

Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date		Name of Patentee or Applicant of cited Document		Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear			
	1										
If you wisl	h to ac	ld additional U.S. Publis	shed Ap	plication	citation	n information p	lease click the Add	d butto	n. Add		
				FOREIG	SN PAT	ENT DOCUM	ENTS		Remove		
Examiner Initial*	Cite No	Foreign Document Number ³	ocument Country Kind Code ² j Code ⁴		Publication Date	Name of Patentee or Applicant of cited Document		Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear		T 5	
	1	1-235124	JP			1989-09-20	Kondo				×
If you wisl	h to ac	ld additional Foreign Pa	tent Do	cument	citation	information pl	ease click the Add	button	Add		ı
			NON	I-PATEN	IT LITE	RATURE DO	CUMENTS		Remove		
Examiner Initials*	Examiner Initials* Cite No Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.								T 5		
	1	Bauch et al. Apr. 1989 "Effect of Cs Contamination on the Interface State Density of Mnos Capacitors," Applied Surface Science 39:356-363.									
	2	Branston et al. Oct. 1991 "Field Emission from Metal-Coated Silicon Tips," IEEE Transaction on Electron Devises, vol. 38, No. 10, pp. 72-80.									
	3	Ea et al. Jul. 1990 "Avalanche Electron Emission Cathode Array," Vacumme Microelectronics Conference.									
	4	Evtukh et al. Jul. 30, 1995, "Parameters of the Tip Arrays Covered by Low Work Function Layers," Institute of Semiconductor Physics Academy of Sciences, Prospect Nauki 45, Kiev-252028, Ukraine (Aug. 1995).									

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Not for submission under 37 CFR 1.99)

Application Number		09489286
Filing Date		2000-01-21
First Named Inventor	David	A. Cathey
Art Unit		2879
Examiner Name	A. Patel	
Attorney Docket Number		2269-7129.2US(95-0582.02/

	5	Evtukh, et al. "Parameters of the Tip Arrays Covered by Low Work Function Layers," J. Vac. Sci Tech. B 14 (3), pp. 2130-2134, (Pub. May-June 1996).						
	Macaulay et al. 24 Aug. 1992 "Ceslated thin-film field-emission microcathode arrays," Appl. Phys. Lett., vol. 61, NO. 8, pp. 997-999.							
	7	Michaelson H.B Jan. 1978 "Relation Between an Atomic Electronegativity Scale and the Work Function," IBM J. Res. Develop, vol. 22, No. 1, pp. 72-80.						
If you wisl	h to ac	dd add	ditional non-patent literature document citation information p	olease click the Add b	outton Add			
			EXAMINER SIGNATURE					
Examiner	Signa	ture		Date Considered				
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								
Standard ST 4 Kind of doo	Г.3). ³ F cument	or Japa by the	FO Patent Documents at www.uspto.gov or MPEP 901.04. ² Enter officianese patent documents, the indication of the year of the reign of the Empappropriate symbols as indicated on the document under WIPO Standard on is attached.	eror must precede the ser	rial number of the patent doc	ument.		

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Not for submission under 37 CFR 1.99)

Application Number		09489286
Filing Date		2000-01-21
First Named Inventor	David	A. Cathey
Art Unit		2879
Examiner Name	A. Pa	tel
Attorney Docket Number		2269-7129.2US(95-0582.02/

	CERTIFICATION STATEMENT						
Plea	ase see 37 CFR 1	.97 and 1.98 to make the appropriate selecti	on(s):				
	That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).						
OF	ł						
	foreign patent o after making rea any individual d	information contained in the information d ffice in a counterpart foreign application, an isonable inquiry, no item of information conta esignated in 37 CFR 1.56(c) more than thr 37 CFR 1.97(e)(2).	d, to the knowledge of thained in the information di	e person signing the certification sclosure statement was known to			
	See attached ce	rtification statement.					
×	Fee set forth in 3	37 CFR 1.17 (p) has been submitted herewith	1.				
	None						
	SIGNATURE A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.						
Sigi	nature	/Tracey Harrach/	Date (YYYY-MM-DD)	2007-10-29			
Nar	Name/Print Tracey Harrach		Registration Number	57674			
pub	This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing and submitting the completed						

application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria**,

VA 22313-1450.

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

- 1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these record s.
- A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
- 3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
- 4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
- 5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
- 6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
- 7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
- 8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.
 - 9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.